

CA-NV AWWA Water Loss Technical Assistance Program

Wave 4 Water Audit Level 1 Validation Document

Audit Information:

Utility: Marina Coast Water District PWS ID: 2710017

System Type: Potable Audit Period: Calendar 2016

Utility Representation: Paul Lord, James Derbin, Kelly Cadiente, Mike Wegley

Validation Date: 6/29/2017 Call Time: 9:00am Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 71 Data Validity Band (Level): Band IV (71-90)

ILI: 1.41 Real Loss: 24.57 (gal/conn/day) Apparent Loss: 3.10 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 4.4

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Validator Information:

Water Audit Validator: Tory Wagoner Validator Qualifications: Contractor for CA-NV AWWA Water Loss TAP

Validator Provided

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Water System Name:

Marina Coast Water District

Water System ID Number:

#2710017

Water Audit Period: Select

Calendar Year 2016

Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

In-house staff completed this year's Water Loss Report, utilizing a broader scope of monthly data recorded by Operations and Maintenance and Customer Service Departments versus outside contractors utilizing limited data from annual reports. This helped produce results that better reflected the utilities practices.

In addition, the number of unmetered accounts has been reduced, and efforts to replace older meter registers expanded.

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Keith Van Der Maaten

Executive Name (Print)

General Manager

Executive Position

[Signature]

Signature

9/27/17

Date

Utility Provided